PATENT

01RE098

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Date: 7-2-04

Himanshu S Amin

JUL 0 2 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

In repatent application of:

Applicant(s): Frederick M. Discenzo, et al.

Examiner:

Carlos R. Ortiz Rodriguez

Serial No:

09/964,939

Art Unit:

2125

Filing Date:

September 27, 2001

Title:

SYSTEM AND METHOD FOR DYNAMIC MULTI-OBJECTIVE

OPTIMIZATION OF PUMPING SYSTEM OPERATION AND

DIAGNOSTICS

Mail Stop AF Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

REPLY TO FINAL OFFICE ACTION DATED APRIL 5, 2004

Dear Sir:

Favorable consideration of the above-identified patent application is respectfully requested in view of the comments below.